

## Market Test Changes – Service Order Request/Response

### DOCUMENT HISTORY

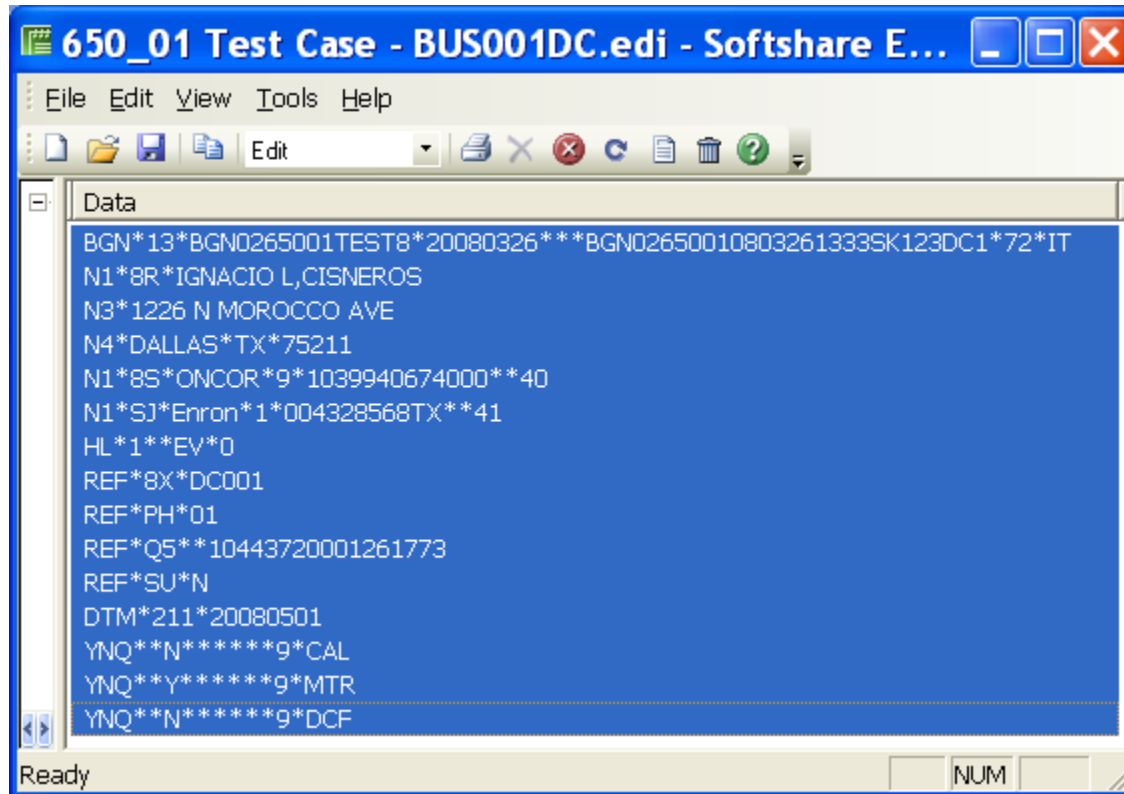
Date	Version	Description	Author
02/28/2008	V 1.0	Initial Release	Jim Rupert
04/04/2008	V 1.1	CQ 50143 Updates	Lori Eubanks
04/09/2008	V 1.2	Added Appendix B. Batching, C. Control Numbers	Lori Eubanks

**650\_01: Service Order Request**

**Sequence Changes:** None

**ANSI Validations:** ANSI 4010 Standards followed

**EDI Sample (Test Case):**



```
BGN*13*BGN0265001TEST8*20080326***BGN02650010803261333SK123DC1*72*IT
N1*8R*IGNACIO L,CISNEROS
N3*1226 N MOROCCO AVE
N4*DALLAS*TX*75211
N1*8S*ONCOR*9*1039940674000**40
N1*SJ*Enron*1*004328568TX**41
HL*1**EV*0
REF*8X*DC001
REF*PH*01
REF*Q5**10443720001261773
REF*SU*N
DTM*211*20080501
YNQ**N*****9*CAL
YNQ**Y*****9*MTR
YNQ**N*****9*DCF
```

**TxSet Validation Changes:** Segments which include changes are highlighted in yellow and the changes are **notated in red font**. ANSI validations are **notated in gray font** or not shown if they are not needed for completeness.

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
BGN01	'13'	No Change			A13 – Missing or Invalid Data	No Change
BGN02	<i>notNull</i>	<i>notNull</i> Alphanumeric only – uppercase A thru Z, 0 thru 9			A13	No Change
BGN06	<i>notNull</i>	No Change	<i>if BGN08 equals '2' or 'C'</i> <i>Or if BGN08 equals 'IT' and REF(8X)02 equals 'RC001'</i>	<i>if BGN08 equals '2' or 'C'</i> <i>Or if BGN08 equals 'IT' and REF(8X)02 equals 'RC001' or 'RC002'</i>	A13	No Change
BGN07	'13', '38', '72', '79', 'AN', 'IN', 'KH', 'RD' or 'XZ'	No Change			A13	No Change
BGN07	'2', 'C' or 'IT'	No Change			A13	No Change
N1(8R)01	'8R'	No Change	<i>Required</i>	<i>Note: Do not enforce this validation... see ONCOR decision in the comments; a missing '8R' segment is allowed; no reject response sent</i>	A13	<i>N/A</i>

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
				<i>ONCOR Final Decision: Required "TX Set Rules" need to be enforced.</i>		
N1(8R)02	<i>Not Null</i>	No Change			997 Nack	No Change
N2(8R)01	<i>Not Null</i>	No Change	<i>Optional</i>		997 Nack	No Change
N2(8R)02					997 Nack	No Change
N3(8R)01	<i>Not Null</i>	No Change	<i>Optional</i>		997 Nack	No Change
N3(8R)02					997 Nack	No Change
N4(8R)01	<i>Not Null</i>	No Change	<i>If N1(8R)01 segment exists</i>	<i>Note: Do not enforce this validation... see ONCOR decision in the comments</i>	A13	<i>N/A</i>
N4(8R)02	<i>Not Null</i>	No Change	<i>If N1(8R)01 segment exists</i>	<i>Note: Do not enforce this validation... see ONCOR decision in the comments</i>	A13	<i>N/A</i>
N4(8R)03	<i>Not Null</i>	<i>Not Null Only 5 or 9 digits allowed (0-9).</i>	<i>If N1(8R)01 segment exists</i>	<i>Note: Do not enforce this validation... see ONCOR decision in the comments</i>	A13	<i>N/A</i>
PER(IC)01	<i>'IC'</i>	No Change	<i>Required unless REF~8X equals DC001 or RC001 or RC003</i>	<i>Note: Do not enforce this validation... see ONCOR decision in the comments</i>	A13	<i>N/A</i>

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
<i>PER(IC)01</i>	<i>'IC'</i>	<i>No Change</i>	<i>Required If YNQ(CAL)02 equals 'Y' and REF-8X equals any value other than DC001 or RC001 or RC003</i>	<i>Note: Do not enforce this validation... see ONCOR decision in the comments</i>	<i>A13</i>	<i>N/A</i>
PER(IC)02	notNull	No Change	If PER(IC)01 segment exists	<i>Note: Do not enforce this validation... see ONCOR decision in the comments ONCOR Final Decision: Required "TX Set Rules" need to be enforced.</i>	A13	<i>N/A</i>
PER(IC)03	'TE'	No Change			A13	No Change
PER(IC)04	Telephone number (i.e. 10 numeric).	Telephone number (i.e. 10 numeric). <i>Punctuation (dashes, symbols etc.) must be excluded.</i>		<i>Must exist when YNQ(CAL)02 = "Y"</i>	A13	No Change
PER(IC)05	'TE'	No Change			A13	No Change
PER(IC)06	Telephone number (i.e. 10 numeric).	Telephone number (i.e. 10 numeric).			A13	No Change

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
		Punctuation (dashes, symbols etc.) must be excluded.				
N1(8S)01	'8S'	No Change			A13	No Change
N1(8S)02	<i>Not Null</i>	No Change			A13	No Change
N1(8S)03	'1' or '9'	No Change			A13	No Change
N1(8S)04	<i>stringLength equals 9</i>	No Change	<i>If N1(8S)03 equals '1'</i>	No Change	A13	No Change
N1(8S)04	<i>stringLength equals 13</i>	No Change	<i>If N1(8S)03 equals '9'</i>	No Change	A13	No Change
N1(8S)06	'40'	No Change			A13	No Change
N1(SJ)01	'SJ'	No Change			A13	No Change
N1(SJ)02	<i>Not Null</i>	No Change			A13	No Change
N1(SJ)03	'1' or '9'	No Change			A13	No Change
N1(SJ)04	<i>stringLength equals 9</i>	No Change	<i>If N1(8S)03 equals '1'</i>	No Change	A13	No Change
N1(SJ)04	<i>stringLength equals 13</i>	No Change	<i>If N1(8S)03 equals '9'</i>	No Change	A13	No Change
N1(SJ)06	'41'	No Change			A13	No Change
HL01	'1'	No Change			A13	No Change
HL03	'EV'	No Change			A13	No Change
HL04	'0'	No Change			997 Nack	No Change
REF(8X)01	'8X'	No Change			A13	No Change

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Rejection Code (existing)</b>	<b>Rejection Code (new)</b>
REF(8X)02	'DC0xx'	No Change	<i>if BGN07 equals '72'</i>	No Change	A13	No Change
REF(8X)02	'F10xx'	No Change	<i>if BGN07 equals 'XZ'</i>	No Change	A13	No Change
REF(8X)02	'GL0xx' or 'SLOxx'	No Change	<i>if BGN07 equals 'AN'</i>	No Change	A13	No Change
REF(8X)02	'RC0xx'	No Change	<i>if BGN07 equals '79'</i>	No Change	A13 Except for RC004 which is API	No Change
REF(8X)02	'ME0xx'	No Change	<i>if BGN07 equals 'KH'</i>	No Change	A13	No Change
REF(8X)02	'MT0xx'	No Change	<i>if BGN07 equals '38'</i>	No Change	A13	No Change
REF(8X)02	'MM0xx'	No Change	<i>if BGN07 equals '13'</i>	No Change	A13	No Change
REF(8X)02	'RD0xx'	No Change	<i>if BGN07 equals 'RD'</i>	No Change	A13	No Change
REF(8X)02	'TE0xx'	No Change	<i>if BGN07 equals 'IN'</i>	No Change	A13	No Change
REF(ADE)01	'ADE'	No Change	<i>Optional segment</i>	No Change	A13	No Change
REF(ADE)02	<i>Not null</i>	<i>Not null uppercase letters (A to Z) and digits (0 to 9).</i>	<i>If REF(ADE)01 equals 'ADE'</i>	<i>No Change</i>	A13	No Change
REF(MG)01	'MG'	No Change	<i>None</i>	<i>if REF(8X)02 equals 'DC002', 'DC003', 'ME0xx',</i>	A13	No Change

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
				'MM0xx', 'RC002', 'RD001', 'RD002' or 'MT001'		
REF(MG)02	Not null	Not null uppercase letters (A to Z) and digits (0 to 9).	if REF(MG)01 equals 'MG'	if REF(MG)01 equals 'MG'	A13	No Change
REF(PH)01	'PH'	No Change			A13	No Change
REF(PH)02	'01', '02', '03', '04', '05', '06', '07', '08', '09', '10'	'01', '02', '03', '04', '05', '06', '07', '08', '09', '10' plus '11' thru '99'	If REF(PH)01 equals 'PH'	No Change	A13	No Change
REF(Q5)01	'Q5'	No Change			A13	No Change
REF(Q5)03	notNull	No Change			997 Nack	No Change
REF(SU)01	'SU'	No Change			A13	No Change
REF(SU)02	'N' or 'Y'	No Change	If REF(SU)01 equals 'SU'	No Change	A13	No Change
REF(TD)01	'TD'	No Change	if BGN08 equals '2'	No Change	A13	No Change
REF(TD)02	'DTM211', 'DTM843', 'MTXACC', 'MTXRPT', 'N18R', 'REFADE', 'REFMG', 'REFPH', 'YNQCAL', 'YNQPD'	'DTM211', 'DTM843', 'MTXACC', 'MTXRPT', 'N18R', 'REFADE', 'REFMG', 'REFPH', 'YNQCAL', 'YNQPD'	if BGN08 equals '2'	No Change	A13 Currently in reverse engineering, error throws (string-append "REF*TD must be PRESENT	No Change

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
	'YNQMTR' or 'YNQROL'	<del>'YNQMTR'</del> or <del>'YNQROL'</del>			when BGN08 action code is '2')	
DTM(211)01	Not Used	No Change	if BGN08 equals 'C'	<del>Note: Do not enforce this validation... see ONCOR decision in the comments</del> ONCOR Final Decision: Required "TX Set Rules" need to be enforced.	A13	N/A
DTM(211)01	'211'	No Change		if BGN08 equals '2' Or if REF(PH)02 is other than '01'	A13	No Change
DTM(211)02	Date expressed as CCYYMMDD- This is taken care by ANSI in eGate	No Change	If DTM(211)01 equals '211'	No Change	997 Nack	No Change
DTM(843)01	'843'	No Change	if REF~8X = DC002.	<del>Note: Do not enforce this validation... see ONCOR decision in the comments</del>	A13	N/A
DTM(843)02	Not Null	No Change	If DTM(843)01 segment exists	<del>Note: Do not enforce this validation... see ONCOR decision in</del>	A13	N/A

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
				<i>the comments</i>		
YNQ(CAL)02	'Y' or 'N'	No Change		<i>If YNQ(CAL)09 = "CAL"</i>	A13	No Change
YNQ(CAL)08	'g'	No Change	<i>If YNQ(CAL)09 = "CAL"</i>	No Change	A13	No Change
YNQ(CAL)09	'CAL'	No Change	<i>Optional</i>	No Change	A13	No Change
YNQ(DCF)02	'Y' or 'N'	No Change	<i>If REF(8X) equals 'DC001'</i>	No Change	A13	No Change
YNQ(DCF)08	'g'	No Change	<i>If REF(8X) equals 'DC001'</i>	No Change	A13	No Change
YNQ(DCF)09	'DCF'	No Change	<i>If REF(8X) equals 'DC001'</i>	No Change	A13	No Change
YNQ(MTR)02	'Y' or 'N'	No Change	<i>If REF(8X) equals 'DC001'</i>	No Change	A13	No Change
YNQ(MTR)08	'g'	No Change	<i>If REF(8X) equals 'DC001'</i>	No Change	A13	No Change
YNQ(MTR)09	'MTR', 'PDL' or 'ROL'	No Change	<i>If REF(8X) equals 'DC001'</i>	No Change	A13	No Change
YNQ(MTR)09	<i>Not Used</i>	No Change	<i>If REF(8X) does not equal 'DC001'</i>	No Change	A13	No Change
MTX(ACC)01	'ACC'	No Change	<i>Optional</i>	No Change	A13	No Change
MTX(ACC)02	<i>notNull</i>	No Change	<i>if MTX(ACC)01 equals 'ACC'</i>	No Change	A13	No Change
MTX(RPT)01	'RPT'	No Change	<i>if REF(8X)02 equals 'RC004'</i>	No Change	API	No Change
MTX(RPT)02	<i>notNull</i>	No Change	<i>if MTX(RPT)01 equals 'RPT'</i>	No Change	A13	No Change



650\_02: Service Order Complete, Complete Unexecutable, Reject Response or Notification of Permit Required

Sequence Changes: None

ANSI Validations: ANSI 4010 Standards followed

EDI Sample (Test Case):

```
Data
BGN~11~SB7086804971200803261746118483~20080627~~~BGN02650010803261333SK1261773~72~51
N1~8S~ONCOR~9~1039940674000~~41
N1~SJ~RELIANT RETAIL SERVICES~1~799530915~~40
HL~1~~EV~0
REF~8X~DC001
REF~LW~M
REF~SU~N
REF~Q5~~10443720001261773
REF~OW~SB7086804971
DTM~243~20080326~1746
DTM~MRR~20080326
```

TxSet Validation Changes: Segments which include changes are highlighted in yellow and the changes are **notated in red font**. ANSI validations are **notated in gray font** or not shown if they are not needed for completeness.

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
BGN01	'11'	No Change				New Format*
BGN02	notNull	notNull Alphanumeric only - Uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded.				New Format*
BGN03	Not null (CCYYMMDD)	No Change				New Format*
BGN06		Not null			"REP-ORIG-REQST-REF-H must be populated"	New Format*
BGN07	'13', '38', '72', '79', 'AN', 'IN', 'KH', 'RD' or 'XZ'	No Change			"TRANS-C is invalid or missing"	New Format*
BGN08	'9', '51', 'PT', 'U' or 'WQ'	No Change			"ACTION-C is invalid or missing"	New Format*
N1(8S)01	'8S'	No Change				New Format*
N1(8S)02	notNull	No Change				New Format*
N1(8S)03	'9'	No Change			"TDSP-ID-H has to be	New Format*

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
					<i>either 9 or 13 digits</i>	
N1(8S)04	<i>stringLength equals 9</i>	No Change	<i>If N1(8S)03 equals '1'</i>	<i>If N1(8S)03 equals '1'</i>		<i>New Format*</i>
N1(8S)04	<i>stringLength equals 13</i>	No Change	<i>If N1(8S)03 equals '9'</i>	<i>If N1(8S)03 equals '9'</i>		<i>New Format*</i>
N1(8S)06	<i>'41'</i>	No Change				<i>New Format*</i>
N1(SJ)01	<i>'SJ'</i>	No Change				<i>New Format*</i>
N1(SJ)02	<i>notNull</i>	No Change			<i>"REP-N must be populated"</i>	<i>New Format*</i>
N1(SJ)03	<i>'1' or '9'</i>	No Change			<i>"REP-ID-H must be either 9 or 13 digits"</i>	<i>New Format*</i>
N1(SJ)04	<i>stringLength equals 9</i>	No Change	<i>If N1(SJ)03 equals '1'</i>	<i>If N1(SJ)03 equals '1'</i>		<i>New Format*</i>
N1(SJ)04	<i>stringLength equals 13</i>	No Change	<i>If N1(SJ)03 equals '9'</i>	<i>If N1(SJ)03 equals '9'</i>		<i>New Format*</i>
N1(SJ)06	<i>'40'</i>	No Change				<i>New Format*</i>
HL01	<i>'1'</i>	No Change				<i>New Format*</i>
HL03	<i>'EV'</i>	No Change				<i>New Format*</i>
HL04	<i>'0'</i>	No Change				<i>New Format*</i>
REF(1P)01	<i>'1P'</i>	No Change	Required If BGN08=51 and REF(8X) = TExxx/Flxxx	Required If BGN08=51 and REF(8X) = TExxx/Flxxx	<i>"STATUS-REAS-C is invalid or missing:"</i>	<i>New Format*</i>

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
			Optional if BGN08=51 and REF(8x) = RC001/RC002	Optional if BGN08=51 and REF(8x) = RC001/RC002	"STATUS-REAS-C AND STATUS-REAS-T should be null if the PURPOSE-C doesn't begin with 'TE' or 'FI'	
REF(1P)02	'FUP', 'NAC', 'NFF' or 'NFP'	No Change				New Format*
REF(1P)03			REF(1P)02 or REF(1P)03 must exist if REF01 exist.	REF(1P)02 or REF(1P)03 must exist if REF01 exist.		New Format*
REF(7G)01	'7G	No Change	If BGN08 equals 'U'	If BGN08 equals 'U'		New Format*
REF(7G)02	All TXSET values other than 'RWD'	No Change		If BGN08 equals 'U' and REF~8x = RC003	Need Special notation that RWD not valid with RC003	New Format*
REF(7G)02	'008', '017', 'A13', 'A76', 'A83', 'A84', 'ANM', 'API', 'CCC', 'CLC', 'D76', 'DIV',	'008', '017', 'A13', 'A76', 'A83', 'A84', 'ANM', 'API', 'CCC', 'CLC', 'D76', 'DIV',	If BGN08 equals 'U' and REF~8X does not equal RC003	No Change	"RJCT-REAS-C is invalid or missing:	New Format*

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
	'M76', 'RWD', 'WIP' or 'ZIP'	'G90', 'IMI', 'M76', 'RWD', 'WIP' or 'ZIP'				
REF(7G)03		notNull		If REF(7G)02 equals 'A13' or 'API'	"RJCT-REAS-T must be populated when RJCT-REAS-C = 'A13' or 'API': " "Value of RJCT-REAS-C"	New Format*
REF(8X)01	'8X'	No Change				New Format*
REF(8X)02	'DC0xx'	No Change	if BGN07 equals '72'	No Change	"PURPOSE-C must begin with 'DC' when TRANS-C = '72'; " "Value of PURPOSE-C"	New Format*
REF(8X)02	'FI0xx'	No Change	if BGN07 equals 'XZ'	No Change	"PURPOSE-C must begin with 'FI' when TRANS-C = 'XZ'; " "Value of PURPOSE-C"	New Format*
REF(8X)02	'GL0xx' or 'SL0xx'	No Change	if BGN07 equals 'AN'	No Change	"PURPOSE-C must begin	New Format*

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
					<i>with 'GL' or 'SL' when TRANS-C = 'AN'; " "Value of PURPOSE-C"</i>	
REF(8X)02	<i>'RC0xx'</i>	<i>No Change</i>	<i>if BGN07 equals '79'</i>	<i>No Change</i>	<i>"PURPOSE-C must begin with 'RC' when TRANS-C = '79'; " "Value of PURPOSE-C"</i>	<i>New Format*</i>
REF(8X)02	<i>'ME0xx'</i>	<i>No Change</i>	<i>if BGN07 equals 'KH'</i>	<i>No Change</i>	<i>"PURPOSE-C must begin with 'ME' when TRANS-C = 'KH'; " "Value of PURPOSE-C"</i>	<i>New Format*</i>
REF(8X)02	<i>'MT0xx'</i>	<i>No Change</i>	<i>if BGN07 equals '38'</i>	<i>No Change</i>	<i>"PURPOSE-C must begin with 'MT' when TRANS-C = '38'; " "Value of PURPOSE-C"</i>	<i>New Format*</i>

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
					C"	
REF(8X)02	'MM0xx'	No Change	if BGN07 equals '13'	No Change	"PURPOSE-C must begin with 'MM' when TRANS-C = '13'; " "Value of PURPOSE-C"	New Format*
REF(8X)02	'RD0xx'	No Change	if BGN07 equals 'RD'	No Change	"PURPOSE-C must begin with 'RD' when TRANS-C = 'RD'; " "Value of PURPOSE-C"	New Format*
REF(8X)02	'TE0xx'	No Change	if BGN07 equals 'IN'	No Change	"PURPOSE-C must begin with 'TE' when TRANS-C = 'IN'; " "Value of PURPOSE-C"	New Format*
REF(G7)01	'G7'	No Change	If BGN08 equals '9'	No Change		New Format*
REF(G7)02	See TXSET spec for allowed values	No Change	If BGN08 equals '9'	No Change		New Format*

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
REF(G7)03	<i>notNull</i>	<i>No Change</i>	<i>If REF(G7)02 equals 'T018' or 'x000'</i>	<i>No Change</i>	<i>"UNEXEC-T must be populated when UNEXEC = 'T018' or 'X000': " "value of input UNEXEC-C"</i>	<i>New Format*</i>
REF(LW)01	<i>'LW'</i>	<i>No Change</i>	<i>if BGN08 equals '51' and Purpose Code equals 'DC001'</i>	<i>No Change</i>		<i>New Format*</i>
REF(LW)01	<i>'LW'</i>	<i>No Change</i>	<i>Not used for bgn08 = 9/U/WQ/PT</i>	<i>No Change</i>		<i>New Format*</i>
REF(LW)02	<i>'M' or 'O'</i>	<i>No Change</i>		<i>No Change</i>	<i>"DISC-LOC-C is invalid or missing:</i>	<i>New Format*</i>
REF(SU)01	<i>'SU'</i>	<i>No Change</i>	<i>if BGN08 equals '51'</i>	<i>No Change</i>	<i>"LIFE-SUPRT-F is either invalid or missing</i>	<i>New Format*</i>
REF(SU)02	<i>'N' or 'Y'</i>	<i>No Change</i>	<i>if BGN08 equals '51'</i>	<i>No Change</i>		<i>New Format*</i>
REF(MG)01	<i>'MG'</i>	<i>No Change</i>	<i>BGN08 not 'U' and purpose codes are 'DC002', 'DC003', 'ME0xx', 'MM0xx', 'RC002', 'RD001',</i>	<i>No Change</i>	<i>"MTR-NO-G is missing for PURPOSE DC002, DC003, MM,</i>	<i>New Format*</i>

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
			'RD002' or 'MT001'		ME, RC002, RD001, RD002, MT001: "MTR-NO-G"	
REF(MG)02	Not null	Alphanumeric only - Uppercase letters (A to Z) and digits (0 to 9). Not null	BGN08 does not equal 'U' and purpose codes are 'DC002', 'DC003', 'ME0xx', 'MM0xx', 'RC002', 'RD001', 'RD002' or 'MT001'	No Change	"MTR-NO-G is missing for purpose MM or ME:  "MTR-NO-G is missing for purpose DC002, RC002, RD001, RD002, MT001: ""	New Format*
REF(OW)01	'OW'	No Change	Required if BGN08 equals '51', Optional If bgn08=9/PT	No Change	"CSO-NO-G-SOL must be populated when BGN08 = 51"	New Format*
REF(OW)02	Not Null	Alphanumeric only - uppercase letters (A to Z) and digits (0 to 9). Not Null	Required if BGN08 equals '51', Optional If bgn08=9/PT	No Change		New Format*
REF(Q5)01	'Q5'	No Change	If BGN08 equals 'U'	No Change	"PREM-H must be	New Format*

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
					<i>populated when ACTION-C = '9' or '51' or 'PT' or 'WQ'"</i>	
REF(Q5)03	<i>notNull</i>	<i>No Change</i>				<i>New Format*</i>
DTM(243)01	<i>'243'</i>	<i>No Change</i>	<i>If BGN08 equals '51'</i>	<i>No Change</i>	<i>"CSO-COMPL-D-SOL must be populated"</i>	<i>New Format*</i>
DTM(243)02	<i>Date expressed as CCYYMMDD</i>	<i>No Change</i>	<i>If BGN08 equals '51'</i>	<i>No Change</i>		<i>New Format*</i>
DTM(243)03	<i>Time expressed as HHMM</i>	<i>No Change</i>	<i>If BGN08 equals '51'</i>	<i>No Change</i>	<i>"CSO-COMPL-M-SOL must be less than 2400:"</i>	<i>New Format*</i>
DTM(MRR)01	<i>'MRR'</i>	<i>No Change</i>	<i>if BGN08 equals '51' and REF(8X)02 equals 'DC002', 'DC003', 'ME0xx', 'MM0xx', 'RC002', 'RD001', 'RD002' or 'MT001' then this segment is required</i>	<i>if BGN08 equals '51' and REF(8X)02 equals 'DC002', 'DC003', 'ME0xx', 'MM0xx', 'RC002', 'RD001', 'RD002' or 'MT001' then this segment is required</i> <i>Otherwise Not Used</i>	<i>"MTR-RDG-D must be populated when PURPOSE-C = "value of PURPOSE-C"</i>	<i>New Format*</i>
DTM(MRR)02	<i>Date expressed as CCYYMMDD</i>	<i>No Change</i>	<i>If DTM(MRR)01 equals 'MRR'</i>	<i>No Change</i>	<i>"MTR-RDG-D must be populated</i>	<i>New Format*</i>

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
					<i>when PURPOSE-C =</i>	
DTM(853)01	'853'	<i>No Change</i>	<i>if BGN08 equals '51' and Purpose Code equals 'MT001'</i>	<i>No Change</i>		<i>New Format*</i>
DTM(853)02	<i>Date expressed as CCYYMMDD</i>	<i>No Change</i>	<i>If DTM(853)01 equals '853'</i>	<i>No Change</i>	<i>"MTR-TEST-D must be populated when PURPOSE-C is MT001"</i>	<i>New Format*</i>
YNQ(RES/MT)02	'Y' or 'N'	<i>No Change</i>	<i>if BGN08 equals '51' and Purpose Code equals 'RD002' or 'MT001'</i>	<i>No Change</i>	<i>"MTR-TEST-F must be populated when PURPOSE-C = 'RD002' or 'MT001'"</i>	<i>New Format*</i>
YNQ(RES/MT)08	'g'	<i>No Change</i>	<i>if BGN08 equals '51' and Purpose Code equals 'RD002' or 'MT001'</i>	<i>No Change</i>		<i>New Format*</i>
YNQ(RES/MT)09	'RES'	<i>No Change</i>	<i>if BGN08 equals '51' and Purpose Code equals 'RD002' or 'MT001'</i>	<i>No Change</i>		<i>New Format*</i>
YNQ(RES/DC)02	'Y' or 'N'	<i>No Change</i>	<i>if BGN08 equals '51' and Purpose Code equals</i>	<i>if BGN08 equals '51' and Purpose Code equals 'DC002', 'RC002',</i>	<i>"TDIS-COMP-CONN-F must be</i>	<i>New Format*</i>

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
			'DC002', 'RC002'	'RC003'	populated when PURPOSE = 'RC002' OR 'DC002' "	
YNQ(RES/DC)08	'9'	No Change	if YNQ(RES/DC)02 exists	No Change		New Format*
YNQ(RES/DC)09	'RES'	No Change	if YNQ(RES/DC)02 exists	No Change		New Format*
MEA(AF)01	'AF'	No Change	if BGN08 equals '51' and Purpose Code equals 'RD001', 'RD002' or 'MT001'	No Change		New Format*
MEA(AF)04	notNull	No Change	if BGN08 equals '51' and Purpose Code equals 'RD001', 'RD002' or 'MT001'	No Change		New Format*
MEA(AF)04.C00101	'K1', 'K2', 'K3', 'K4' or 'KH'	No Change			"MTR-RDG-TYP-C is invalid or missing: " "Value of MTR-RDG-TYP-C"	New Format*
MEA(AF)06	notNull, format 999999.99999 padded with	notNull, ANSI Compliant, no padding with				New Format*

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
	zeros	zeros				
MEA(AF)07	'41', '42', '43', '51', or '71'	No Change			"MTR-RDG-PEAK-C is invalid or missing: " "Value of MTR-RDG-PEAK-C"	New Format*
MTX(RPT)01	'RPT'	No Change	BGN08 not 'U'	No Change		New Format*
MTX(RPT)02	notNull	No Change				New Format*

## APPENDIX A.

### New Error Format:

#### Descriptions

Error messages will be in one of the following four formats.

#### Invalid Data:

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Invalid Data =” <data>

#### Example:

Error at LIN NM02[89] SJ Invalid data = #\$\$~~.

#### Data Length:

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Invalid Data Length =” <number>

#### Example:

Error at LIN NM02[89] SJ “Invalid data length =” 18

**Data Type:**

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Invalid Data Type =” <datatype>

**Example:**

Error at LIN NM02[89] SJ “Invalid data type =” Alpha-Numeric

***IF Reject Code = API*****Missing Data:**

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Data Missing from field”

**Example:**

Error at LIN NM02[89] SJ “Data missing from field”

**APPENDIX B.****Batching:**

All transactions of the same type (Registrations, RevenueManagement, or ServiceOrders), with the exception of 867 IDRs, that are being sent to the same Trading Partner (TP) will be batched together into a single Interchange and Group when the outbound EDI is created.

For example, all 650-02s and 650-04s being sent to ACN Energy will be batched together in one Interchange and all 810-02s going to ACN Energy will be batched in a separate Interchange. Similarly, all 814-04/09/13/25/27/28 being sent to ERCOT will be combined in a single EDI Interchange and 867-02/03/04 NonIDR will be batched in a separate EDI Interchange.

All 867 IDR transactions will be scheduled and sent out with the same interval as all other ERCOT-bound transactions, however each 867 IDR transaction will receive its own Interchange and will not be batched together.

As requested, a separate polling process has been setup that will allow the processing of 814-20 Updates to be manually started and stopped. When this polling process is turned on, the 814-20 Updates will be processed and batched together. When the polling process is stopped, 814-20 Updates will still be received from LCIS but they will not be published to BC or sent out to the market.

Note: Because 814-20 Updates are sent through this separate process, they will not be batched together with the 814-20 Additions, 814-20 Deletions, or other Registration transactions.

**APPENDIX C.**

**Control Numbers (ISA Control Number):**

The decision was made to find the Trading Partner with the highest control number and add 10,000. Apply that number as the new control number for all Trading Partners.